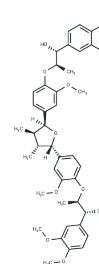


Manassantin A

Chemical Properties

CAS No. :	88497-87-4
Formula:	C42H52O11
Molecular Weight:	732.87
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Manassantin A is a high potent HIF-1 inhibitor, it protects the gastric mucosa from ethanol-induced acute gastric injury, and suggest that these protective effects might be associated with COX/PGE2 stimulation, inhibition of iNOS production and NF- κ B activation, and improvements in the antioxidant and anti-inflammatory status. Manassantin A represents a potential therapeutic approach for the treatment of airway allergic-inflammatory diseases. Manassantin A inhibits cAMP-induced melanin production by down-regulating the gene expressions of MITF and tyrosinase in melanocytes.
Targets(IC50)	ERK,cAMP,NF- κ B,MAPK,HIF,STAT,COX,JNK,Prostaglandin Receptor,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3645 mL	6.8225 mL	13.645 mL
5 mM	0.2729 mL	1.3645 mL	2.729 mL
10 mM	0.1364 mL	0.6822 mL	1.3645 mL
50 mM	0.0273 mL	0.1364 mL	0.2729 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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